

IN THE SPECIFICATION

Please amend Paragraph 2 as follows:

[2] The present invention relates to the decoding of radiofrequency (RF) transmission channels conveying coded digital information. The invention thus applies advantageously to satellite digital telebroadcasting, for example, as defined in the DVB S (Digital Video Broadcasting-satellite) European specification based on the MPEG transmission standards, and using for example to convey the information, quadrature digital modulation. The invention also relates in particular to tuners, and also to demodulators and to the actual channel decoding processing.

Please amend Paragraph 7 as follows:

[7] Moreover, in this type of solution, not only is the tuner not fully integrated, but it is made on a semiconductor substrate different from the substrate which supports the digital part (or digital domain) of the processing, namely the demodulation and the actual channel decoding. Stated otherwise, the demodulation and the channel decoding are carried out in a separate component from that integrating the tuner. Also, the tuner is generally screened so as to prevent the noise generated by the digital part from interfering in the mixing of the signals of the analog part. Thus, in this first type of solution, a front end device incorporated into a satellite television signals receiver, and capable of performing the tuning, demodulation and channel decoding, comprises several separate electronic components made on different chips.

Please amend paragraph 34 as follows:

[34] In FIGURE 1, the reference RDS denotes a satellite receiver/decoder (“Set top box”) connected to a parabolic antenna ANT picking up radio frequency (RF) digital television signals, and intended to receive and to decode these signals. This receiver RDS comprises at the front end an electronic component CMP intended to receive all the channels CNi present in the signal received at the signal input ESO of this component, and to deliver, simultaneously and in parallel, at the outputs BSO1 and BSO2, two MPEG data streams FM1 and FM2. In FIGURE 1, only two outputs have been represented for simplifying purposes. That said, the invention is not limited to this number of outputs, but may comprise more than two thereof.

Please amend Paragraph 38 as follows:

[38] Thus, if the filter FAA is chosen in such a way as to let through the entire useful signal band, that is to say the 950 MHz-2150 MHz radio frequency (RF) band, this corresponding to a bandwidth of around 1.2 GHz, then an analog/digital conversion stage capable of operating at a sampling frequency of at least equal to around 2.5 GHz will be chosen.